

Bhaskar Ramachandran

Title: Senior Scientist, NASA EOS, Land Processes Distributed Active Archive Center
U.S. Geological Survey Earth Resources Observation and Science (EROS) Center

Address: 47914 252nd Street, Sioux Falls, SD 57198

Tel: +1 605 594 6110 Fax: +1 605 594 6529

E-mail: bhaskar@usgs.gov

Education/Training

MSc 1992, University of Edinburgh, UK, Geographical Info Systems & Remote Sensing

MPhil, MA, BA 1986 – 1980, University of Delhi, India, Geography

1989, University of California, Los Angeles, Non-Fiction Writing

Professional Experience

2006 – date EOS Senior Scientist

1998 – 2006 EOS Science Data Specialist

1995 – 1998 Scientist (MRLC, UNEP)

1987 – 1988 Consultant

1985 – 1987 Lecturer, University of Delhi, India

Areas of Specialization and Research/Support Responsibilities

I have supported the NASA EOS science mission for over a decade, which has included the Landsat, ASTER, and MODIS missions. My science expertise involves a liaison component, which bridges the roles and requirements of science with the different elements of systems engineering, support, operations, and end-user communities. In a more recent role, I act as a catalyst for scientific applications of ASTER and MODIS data at EROS.

Professional Activities/Membership

AAAS, ASPRS, AAG

Significant Recent Presentations/Publications

Lead editor of a reference book on ASTER and MODIS scheduled for publication by Springer-Verlag in 2009.

Evans, G. A., Ramachandran, B., Zhang, Z., Bailey, G. B., and Cheng, P. An Accuracy Assessment of Cartosat-1 Stereo Image Data-Derived Digital Elevation Models: A Case Study of the Drum Mountains, Utah. ISPRS Symposium, Beijing, 2008.

Global Land Ice Measurements from Space (GLIMS) DAR-Based ASTER Acquisitions.

Bhaskar Ramachandran. GLIMS Workshop, Scott Polar Research Institute, Univ. of Cambridge, UK, 2006.

Assessing the Accuracy of ASTER DEMs as Compared to SRTM DEMs. G. B. Bailey, D. Gesch, G. Evans, Z. Zhang, B. Ramachandran, K. Duda, M. Redlin, and H. Fujisada. Shuttle Radar Topography Mission (SRTM) Workshop, Reston, VA, 2005.